

FIG.:1

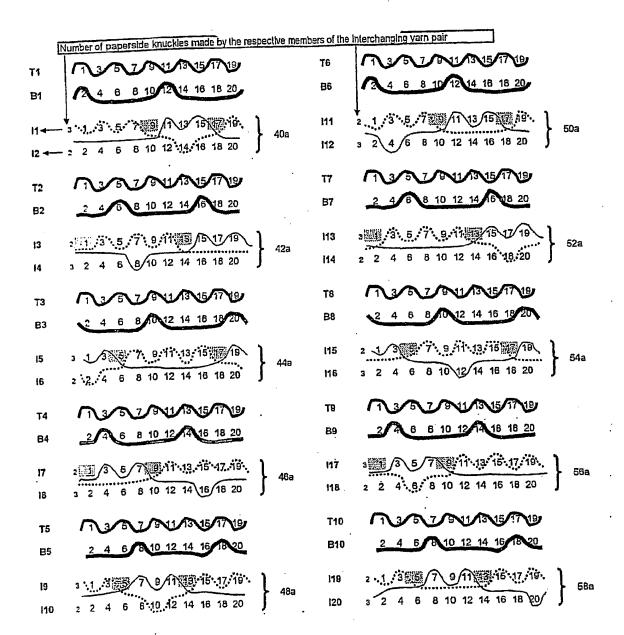
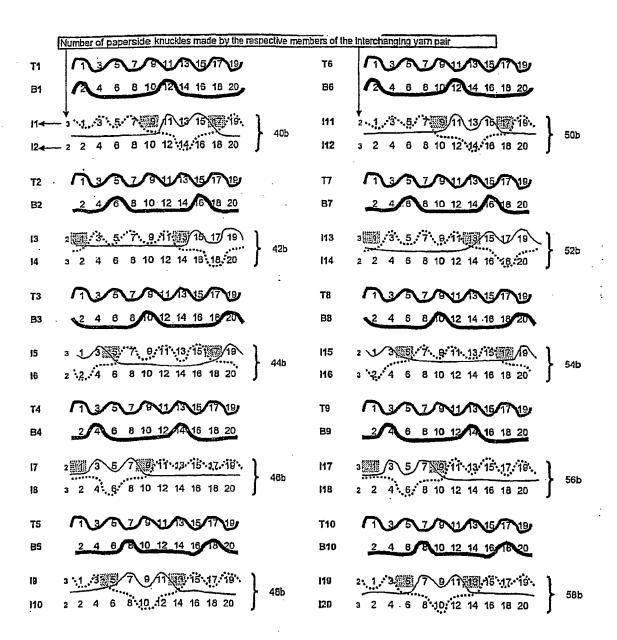
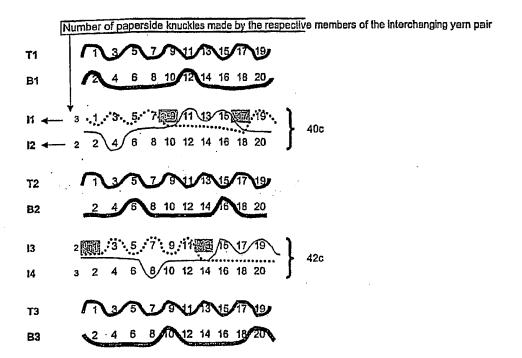
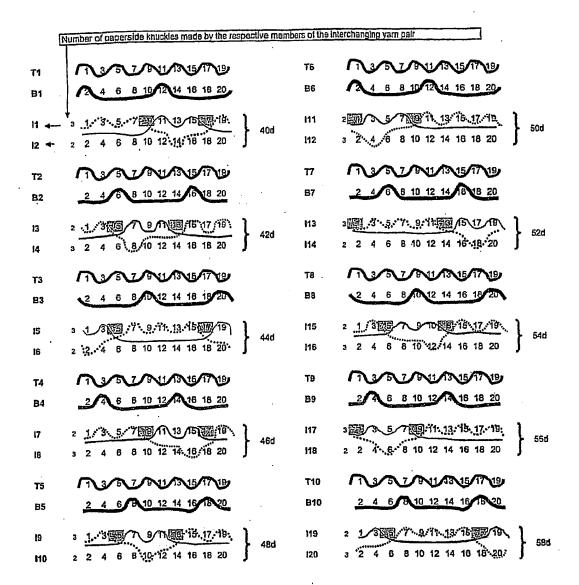
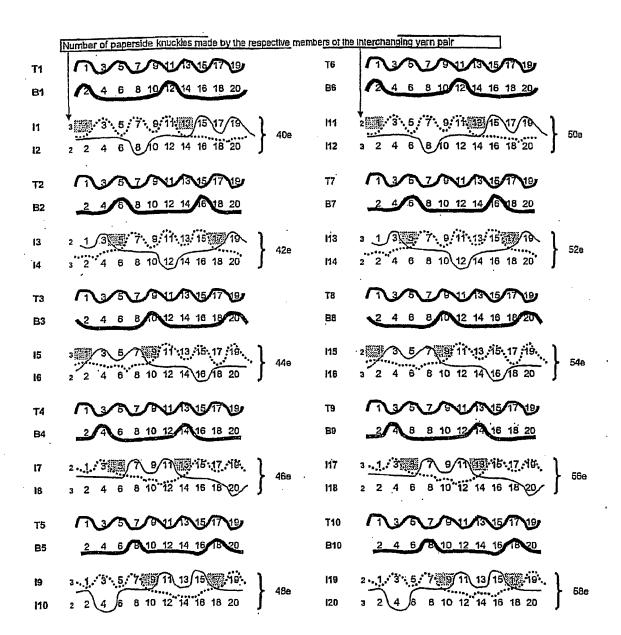


FIG. 2









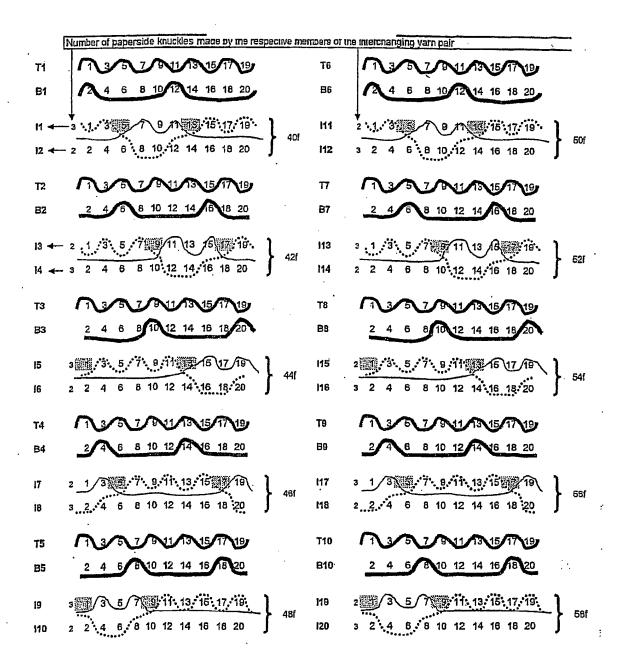


FIG. 7

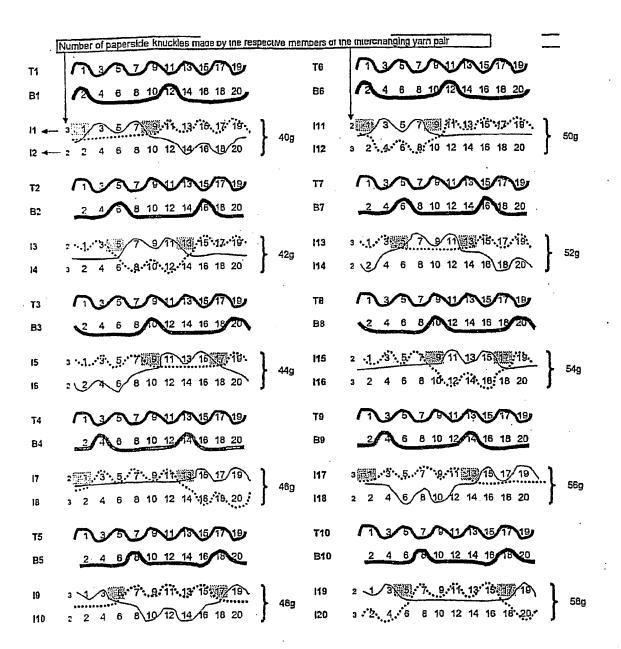
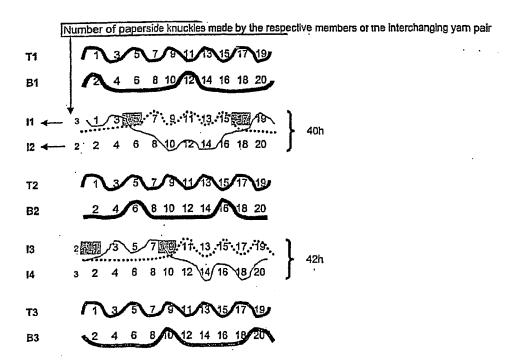
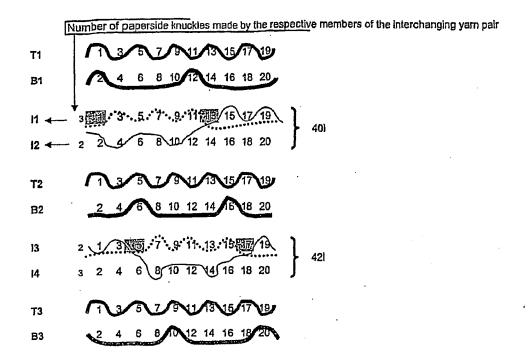


FIG. 8





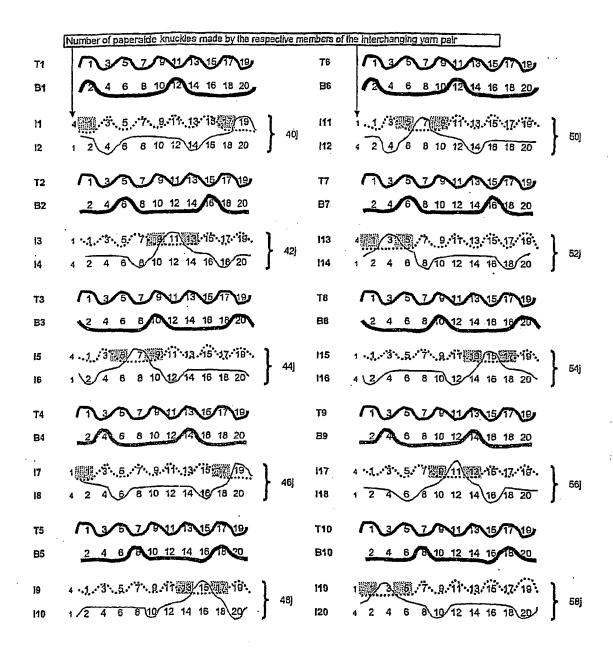


FIG: 11

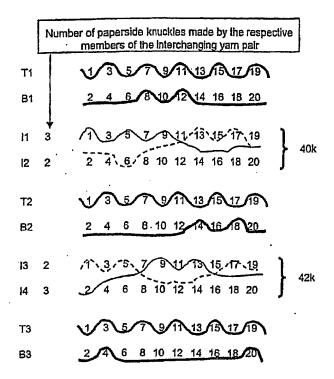
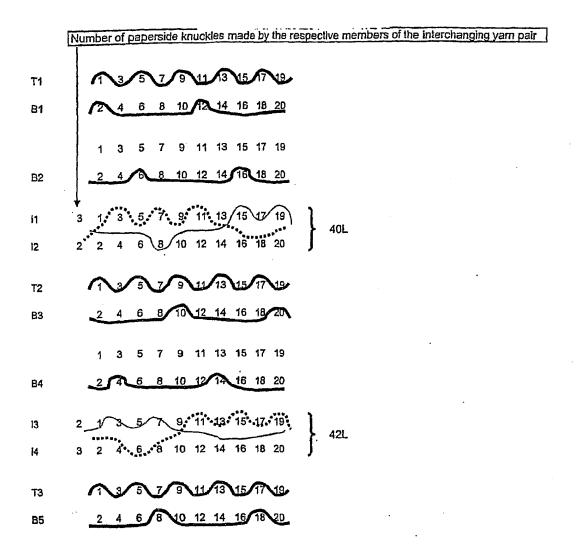
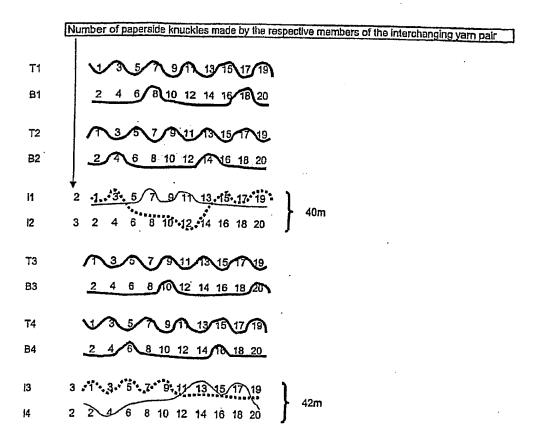


FIG. 12





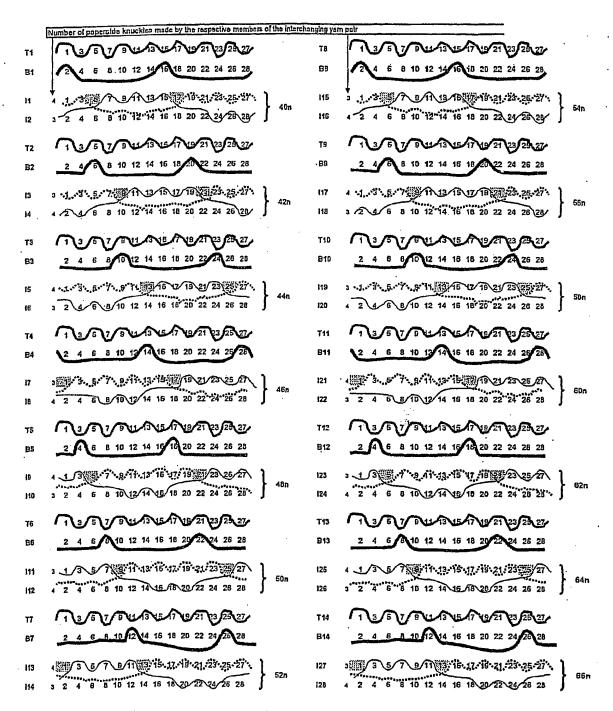


FIG. 15

T1	1 3 5 7 9 11 13 15 17 19 27 23 25 27 29 31
B1	2 4 6 8 10 12 14 18 8 20 22 24 26 28 30 32
11	1/3 5/7 13,45 17,46 21.23 27 29/31
12	1 3 5 7 3 41 13 15 17 19 21 23 27 29 31 40p
T2	1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31
B2.	2 4 6 8 10 12 14 16 18 20 22 22 26 28 30 32
13	1.13 3 23 25,27,29,-31
14	2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 42p
Т3	13/5/19/11/13/15/11/19/21/23/25/27/29/31
B3	2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32

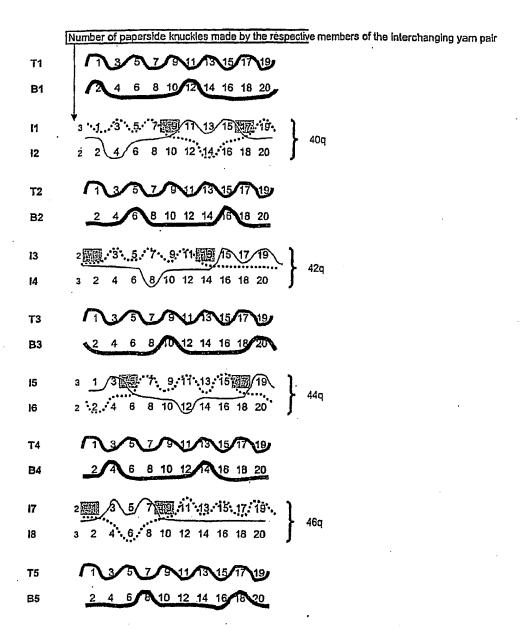


FIG. 17

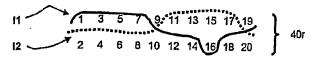
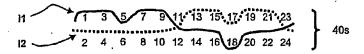


FIG.,18



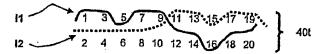


Fig.	Weave	CD Ratio	PS Knuckles	PS Knuckles	Reversing	insertion order	Length of	Length of	Binder
No.					segment	for binder	Interchanging	Interchanging	makes
1 4	(No. of	Effective	Interchanging			members of	top CD stiff	binder stiff	multiple WS
1 1	MD		Top CD	Binder CD	interchanging	i'changing	section	section	interlacings
ļ	yarna)			<u>                                     </u>	CD pairs	pairs	(warp pairs)	(warp pairs)	
2	20	2:1	2 or 3	3 or 2	yes	always 1st	7 or 5	поле	. no
3	20	2:1	2	3	yes	1st or 2nd	7	поле	no
4	20	2:1	3	2	yes	2nd or 1st	5	none	no
5	20	2:1	2	<b>3</b> ,	yes	1st or 2nd	7	noné	no
8	20	2:1	3	2	yes	2nd or 1st	• 5	nahe	no
7	20	2:1	2	3	yes	1st or 2nd	7	none	yes
8	20	2:1	3 or 2	2 or 3	yes	always 2nd	5 or 7	none	yes
9	20 .	2:1	3 .	2	yes	2nd or 1st	5	none	yes
10	20	2:1	3	2	yes	2nd or 1st	5	2	yes
111	20	2:1	4 .	1	yes	2nd or 1st	3	4	yes
12	20	2:1	3	2	yes	2nd or 1st	5	none	no
13	20	1:1	3 or 2	2 or 3	yes	always 2nd	5 or 7	enon	no
14	20	3:2	2 or 3	3 or 2	yes	always 2nd	7 or 5	none	ho
15	28	2:1	4	3	yes	2nd or 1st	7	none	yes
16	32	2:1	4	4	no .	1st,2nd or alt	9	3 .	yes
17	20	2;1	0, 2 or 3	3 or 2	yes	1st or 2nd	0 or 5 or 7	none	סמ
18	20	•	1	1	no no	1st,2nd or alt	6	none '	no
19	24	•	2	22	no	1st,2nd or alt	7	none	no
20	20	•	2	2	no	1st,2nd or alt	5	none	по

<sup>\*</sup> can be eilher 1:1, 2:1, 3:2 etc